

Vehicles drive on the flooded Interstate 5 freeway after an El Nino-strengthened storm brought rain to Los Angeles, January 6, 2016 (exactly one year ago today).



Duty Officer	
EDO	Sara Stillwell
CSWC Watch Officer	Janice Webb (Day) Sarah Murdock (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	Joe Gear
LDO	Sherri Sarro
IDO	Kyle Noderer
CDO	Nancy Smith
SDO	Justin Freiler
PIO	Brad Alexander
TDO	Jeffrey Howell
IT	Dominic Pedicino
EQTP	Sharon Blakenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



Unclassified // FOUO
STAC 24 Hour Open Source Report

Report Attached



Cal OES Activation Status				
State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC	
Level 2	Level 1	Level 1	Level 1	

Cal OES COASTAL REGION

• See 2017 Statewide January Winter Storms Slides

Cal OES INLAND REGION

See 2017 Statewide January Winter Storms Slides

Cal OES SOUTHERN REGION

· See 2017 Statewide January Winter Storms Slides

2017 Statewide January Winter Storms

An atmospheric river, a narrow corridor of concentrated moisture, will take aim at California this weekend with heavy precipitation, high snow levels and soils that are already saturated from recent storms. Moderate precipitation starts 01/07/17, but the brunt of the storm will occur 01/08/17, tapering off 01/09/17. Additional storms are possible 01/10/17 into the week ahead. The majority of the precipitation will fall as rain in the mountainous areas as snow levels rise above 8,000 feet.

- This is forecast to be some of the more significant flooding seen in the past decade. Areas may flood that haven't seen impacts for several
 years. Use the break in the weather today to prepare. Additional storms are possible Tuesday into the following weekend. Keep in mind that
 flooding will take several days to recede in some areas after the rain stops.
- Cal OES is holding a conference call with state partners and the National Weather Service (NWS) to discuss the storm forecast, mitigation efforts, and planning between Cal OES Regions, state agencies, partners and stakeholders.

Activations

The State Operations Center (SOC) activated on 01/06/17 at 0900 hours in support of the 2017 January Storms. The operational period is from 0900 to 1700 hours.

· See corresponding slide for full briefing



2017 Statewide January Winter Storms

State/Federal Agency Preparatory Activities

Cal OES Law Branch

On 01/05/17 the Cal OES Law Duty Officer (LDO) advised that the Cal OES Law Enforcement Branch will continue to monitor the effects of a series of storms expected over the next several days.

• Cal OES Law Coordinators are working with Operation Areas (OA) to identify needs and preposition resources.

State Parks

• California State Parks has notified their Public Safety Superintendents in all Districts advising them to take precautions for storm preparation, as well as staffing accordingly and advising park visitors via typical communication methods.

Department of Water Resources

- The Department of Water Resources (DWR) Flood Operations Center (FOC) will activate on 01/07/17 and 01/08/17 with 24-hours staffing. They will continue to monitor conditions, update river recordings, and make High Water Notification Calls.
 - DWR will pre-position personnel and flood fight materials ahead of the weather.
 - DWR advises there are no requests for assistance at this time.
 - · Updates will follow if they become necessary.

California Nevada River Forecast Center

• The California Nevada River Forecast Center (CNRFC) will extend staffing coverage overnight 01/07/17 and 01/08/17 and will issue four hydrologic forecasts per day starting in the morning on 01/08/17.



2017 Statewide January Winter Storms

Cal OES Coastal Region

On 01/05/17, the Cal OES Coastal Duty Officer (Cal OES CDO) advised that Cal OES Coastal Region will continue to monitor activity throughout the region.

- The Region will be conducting regular check in with Operational Areas (OAs) to monitor the impacts from storms that brought significant wind, heavy rains and colder temperatures.
- At this time, there are no unmet needs or requests for assistance.

Activations

- California Highway Patrol (CHP) Golden Gate will activate their Emergency Operations Center (EOC) on a limited basis.
- Marin County EOC will activate at Level 1 on 01/07/16 at 2000 hours for 12 hour shifts.
- Deployments
- None at this time

County Preparatory Activities

- All OAs are taking preparation measures and will provide further information as it becomes available.
- · No requests for state assistance at this time.

Missions

- 2017-Coastal-29146 Del Norte County has requested local CAL FIRE sandbagging crews in preparation for upcoming heavy precipitation
- 2017-Coastal-29151 Del Norte County has requested sandbags
- 2017-Coastal-29152 Del Norte County has requested reflective cones
- 2017-Coastal-29153 Del Norte County has requested barricades
- 2017-Coastal-29154 Del Norte County has requested a windmaster or equivalent
- 2017-Coastal-29155 Del Norte County has requested visibility signs
- 2017-Coastal-29156 Del Norte County has requested Type 2 barricade lights
- 2017-Coastal-29157 Del Norte County requested a trailer mounted message board

Critical Infrastructure

- Pacific Gas and Electric (PG&E) will be utilizing advanced planning with additional staff and they will activate their Emergency Operations Center (EOC) to coordinate any power outages and gas leaks.
 - They will be activating a base camp in Scotts Valley, Santa Cruz County, to address issues in the county through 01/11/17.
- California Utilities Emergency Association (CUEA) reported that all utilities are on storm alert mode and the waste water entities have the
 capability for the storm.

2017 Statewide January Winter Storms

Cal OES Coastal Region (Continued)

Transportation

- Caltrans will begin implementing a 24 hour staffing pattern with 0600 to 1800 and 1800 to 0600 shifts in affected counties.
- CHP Golden Gate reports they will be monitoring roadways and hazards and will be in communication with Caltrans.
 - CHPs North Division reports they will be deploying additional commercial assets to Hwy 299 / 89 area.



2017 Statewide January Winter Storms

Cal OES Coastal Region (Continued)

River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday:

Humboldt County:

Eel River at Fernbridge is forecast to crest at 21.6 feet the morning of 01/09/17.

Potential Impacts: The western half of the Eel Delta may be completely flooded, especially if at or above this level for an extended period of time. This include areas northwest of Loleta, Cannibal Island Road. A Special Action Advisory is being issued to all owners of livestock in low-lying areas of the Eel Delta. These animals are at risk due to rising river levels, and appropriate action should be considered.

Mendocino County:

• Navarro River at Navarro is forecast to crest at 29.1 feet the evening of 01/08/17.

Potential Impacts: Water will flow over the south bank of the river approximately 1 mile east of Highway 1, and begin to flood property in this area including six homes. Expect closure of Highway 128. Motorists should use alternate routes.

Sonoma County:

Russian River at Guerneville is forecast to crest at 36.2 feet the afternoon of 01/08/17.

Potential Impacts: Significant flooding can be expected throughout the lower portions of the Russian River. Mirable Park will be flooded. Mirabel Road is expected to flood at River Road. Rio Nido village is forecast to begin flooding. River Road east of Guerneville and River Boulevard east of Monte Rio are expected to flood.

Napa County:

Napa River at Saint Helena is forecast to crest at 18.6 feet the afternoon of 01/08/17.

Potential Impacts: Major flooding throughout the upper Napa Valley with most roads inundated making travel extremely difficult. Moderate to severe damage to all towns along the reach.

River Forecast - The following rivers are forecast to meet or exceed monitor stage through Monday:

- · Humboldt County: Mad River at Arcata; Van Duzen River at Bridgeville
- · Mendocino County: Russian River at Hopland
- Napa County: Napa River at Napa
- Santa Clara County: Guadalupe River at San Jose-Almaden Expressway
- Santa Cruz County: Pajaro River at Chittenden
- Monterey County: Carmel River at Robles Del Rio



2017 Statewide January Winter Storms

Cal OES Inland Region

Activations

· None at this time

Deployments

· None at this time

County Preparatory Activities

- All Operational Areas (OAs) are taking preparation measures at this time and will provide further information as it becomes available.
- No requests for state assistance at this time.

Missions

· None at this time

Infrastructure

· None at this time

Evacuations

Per the Cal OES Law Duty Officer (LDO), Yosemite National Park will be closing the park and evacuating all tourists and non-essential staff from the valley by this evening, 01/06/17.

- Based on current forecast and prior weather incidents (1997 flooding event) they are preparing for a worst case scenario and taking the proper precautions.
- The Cal OES Law Branch has been in contact with Yosemite's Search and Rescue coordinator and Deputy Chief Ranger who are coordinating
 this evacuation event.
- There are no requests for assistance or unmet needs.

Shelters

Red Cross is coordinating with Inland Counties to determine any need for sheltering.

2017 Statewide January Winter Storms

Cal OES Inland Region (Continued)

River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday: Lassen County:

Susan River at Susanville is forecast to crest at 12.7 feet the evening of 01/08/17.

Potential Impacts: Minor to moderate flooding in Susanville from Lassen Street downstream along Riverside Drive. Several homes along river affected, especially on Carroll Street. Moderate lowland flooding below Susanville in Johnstonville, Leavitt Lake, Standish, and Litchfield areas. Rural roads and bridges begin to flood in these areas.

Tehama County:

Sacramento River at Tehama Bridge is forecast to crest at 215.3 feet the evening of 01/08/17.

Potential Impacts: Between 213.0 and 214.0 Feet the county park becomes inaccessible. Lower trailer park slots (temporary slots) start to flood.

• Sacramento River at Vina Woodson Bridge is forecast to crest at 184 feet the morning of 01/09/17.

Potential Impacts: Woodson Bridge Park is closed due to flooding. Water is up to the top steps of the recreation center at Driftwood RV Fishing Resort on the east bank of the river.

Plumas County

• Middle Fork Feather River at Portola is forecast to crest at 9.6 feet the morning of 01/10/17.

Potential Impacts: Moderate flooding of lowlands, roads and low-lying structures in reach from Beckwourth to Sloat California, including Portola. In Portola, Sleepy Pines Motel on CA Hwy 70 begins to experience some minor flooding. Water near bottom of large propane tanks along Hwy 70. South end of West Street floods, nearing lowest homes. River within about a foot of foundation of Veterans Hall and some low homes along river. CA Hwy 89 near Clio flooded. Approximately 5600 cfs, like flood of 1/14/1980.

Glenn County:

• Sacramento River at Ord Ferry is forecast to crest at 115.4 feet the evening of 01/09/17.

Potential Impacts: Designated flood stage. Design overflow level for M&T, 3BS and Goose Lake Flood Control facilities to divert flood flows into Butte Basin. M&T overflows closing River Road from Ord Ferry Road to Chico River Road. Ord Ferry Road is already closed.

Placer County:

• Truckee River at Truckee is forecast to crest at 7.1 feet the evening of 01/08/17.

Potential Impacts: Major flooding along Truckee River between Bear Creek in the Alpine Meadows area and Truckee. About 5850 cfs. Significant damage to some private bridges and low-lying structures along the river. Like flood of Dec 31, 2005. USGS estimates this much flow has about a 1 in 15 chance of being exceeded any year.

2017 Statewide January Winter Storms

Cal OES Inland Region (Continued)

River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday: Alpine County:

East Fork Carson River at Markleeville is forecast to crest at 9.2 feet the evening of 01/08/17.

Potential Impacts: Moderate flood damage in Carson Valley area. Flooding of homes, businesses, schools, roads, and bridge in lower portions of Minden, Gardnerville, Centerville, Genoa, and Washoe Indian Reservation. Transportation, communication, water, and power systems begin to be affected. At about 10,200 cfs, similar to 12/31/2005 flood. USGS estimates that this much flow has about a 1 in 20 chance of being exceeded any year.

Sacramento County:

• Cosumnes River at Michigan Bar is forecast to crest at 16.1 feet the evening of 01/08/17. Potential Impacts: Water floods houses in Wilton. The south bank levee near Wilton is overtopped.

Product Disclaimer

Cosumnes River at McConnell is forecast to crest at 47.6 feet the afternoon of 01/09/17.

Potential Impacts: The Cosumnes River overflow channel begins to flow.

• Mokelumne River at Benson's Ferry is forecast to crest at 19.2 feet the morning of 01/10/17.

Potential Impacts: Some local farm roads are closed. Low lying areas along the river are flooded.

Mono County:

• West Walker River at Highway 395 Below Little Walker is forecast to crest at 6.1 feet the evening of 01/08/17.

Potential Impacts: Flood Stage. Some minor flooding of lowlands...pastures and rural roads. Maximum diversion to Topaz Lake is about 1300 cfs...remainder goes down the West Walker to Smith Valley/Wellington. If Topaz is releasing...flow at Wellington will be Topaz release plus amount going the West Walker below the Topaz diversion. Approximately 3000 cfs.

Mariposa County:

• Merced River at Yosemite at Pohono Bridge is forecast to crest at 16.1 feet the evening of 01/08/17.

Potential Impacts: Northside Drive and Southside Drive, which are the main roads in Yosemite Valley, become flooded and are closed to traffic.

2017 Statewide January Winter Storms

Cal OES Inland Region (Continued)

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage through Monday:

Glenn County: Sacramento River at Hamilton City; Sacramento River at Butte City

Modoc County: Pit River at Canby

Colusa County: Sacramento River at Moulton Weir; Sacramento River at Colusa Weir; Sacramento River at Colusa Bridge

Yuba County: Yuba River at Marysville Placer County: Bear River at Wheatland

Sutter County: Sacramento River at Tisdale Weir; Sacramento River at Fremont Weir; Feather River at Nicolaus

Yolo County: Sacramento River at Fremont Weir; Yolo Bypass at Lisbon

Alpine County: East Fork Carson River at Markleeville

Stanislaus County: Tuolumne River at Modesto Solano County: Sacramento River at Rio Vista

Merced County: Merced River at Stevinson; Bear Creek at McKee Road

Tehama County: Sacramento River at Red Bluff

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/

2017 Statewide January Winter Storms

Cal OES Southern Region

On 01/04/17, the Cal OES Southern Duty Officer (SDO) advises that Mono County Operational Area (OA) major concern is flooding in multiple areas based on history and the forecast.

- Sunday through Monday is the time frame for the majority of anticipated rainfall from this system.
- There are no plans to proclaim a local emergency.
- The Cal OES Law Duty Officer (LDO) will be working with the Sheriff to formulate any specific requests on 01/05/17.
- The Cal OES SDO and Southern Region will continue to stay in contact with the OA and will provide updates as warranted.

Activations

· None at this time

Deployment

• 1 Southern Region Emergency Services Coordinator (ESC) has deployed to Mono County.

County Preparatory Activities

- Mono County OA is taking preparation measures at this time.
- · No requests for state assistance.

Missions

· None requested at this time

Infrastructure

· Currently no infrastructure issues at this time

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/

2017 Statewide January Winter Storms

Burn Scars with Potential for Concern

Coastal Burn Scars

Jerusalem – Lake and Napa Counties Rocky – Lake County Valley – Lake County Coleman – Monterey County Soberanes – Monterey County Loma – Santa Clara County

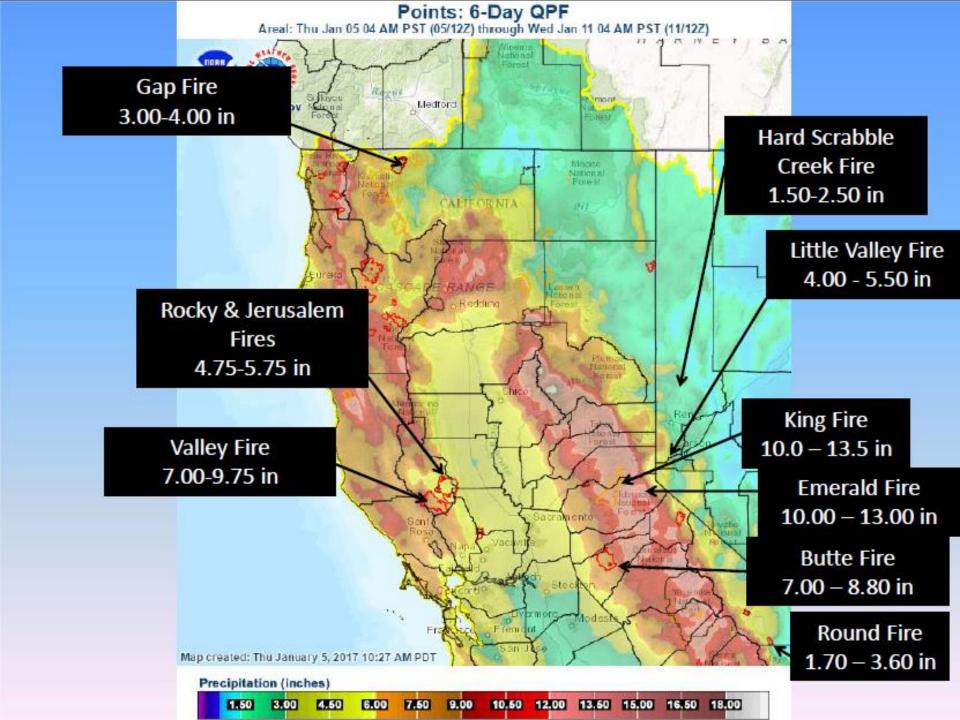
Inland Burn Scars

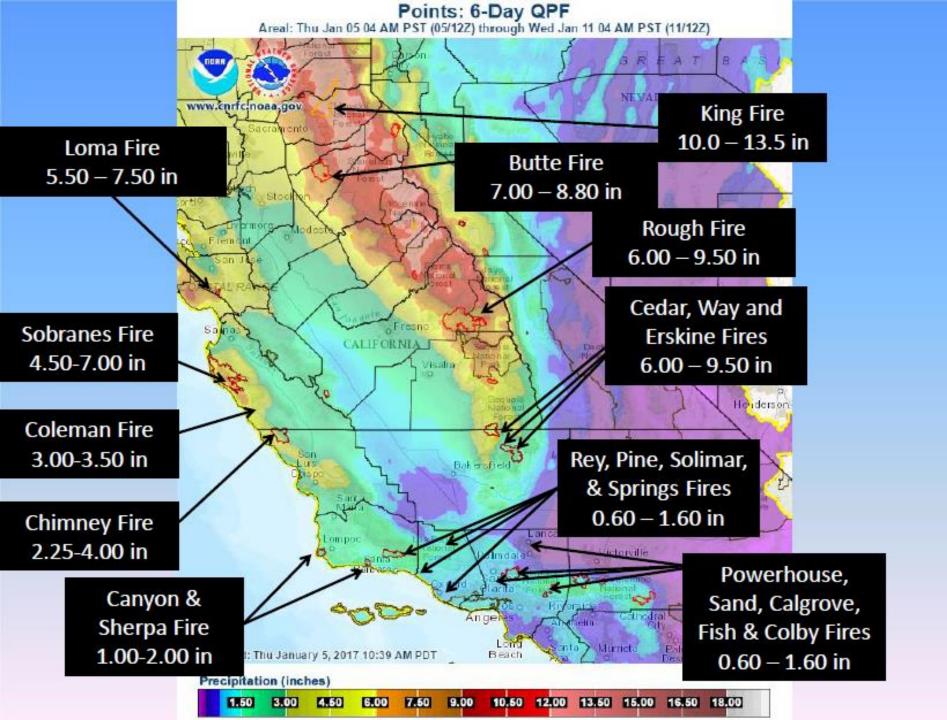
Butte – Amador and Calaveras Counties Emerald – El Dorado County King – El Dorado and Placer Counties Rough – Fresno County Cedar – Kern County Erskine – Kern County Way – Kern County Gap – Siskiyou County

Southern Burn Scars

Round – Inyo and Mono Counties Calgrove – Los Angeles County Colby – Los Angeles County Fish – Los Angeles County Powerhouse – Los Angeles County Sand – Los Angeles County Chimney – San Luis Obispo County Solimar – Ventura County Springs – Ventura County







2017 Statewide January Winter Storms

Statewide Significant Watches/Warnings

Many counties in Northern and Central California have active Flood Watches, Flood Warnings, or Flash Flood Watches in effect.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa bc cal.php

Incidents

- 2017 January Storms has been created in Cal EOC for the regions (Master View)
 - 2017 Coastal Region January Storms
 - 2017 Inland Region Januarry Storms
 - 2017 Southern Region January Storms

FIRE ACTIVITY

Cal OES Fire Preparedness Levels			
National	Northern California	Southern California	
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2	
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2	

• Nothing Significant to Report.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures			
Northern California	Central California	Southern California	
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures	

Lifeline Routes:

· There are no Lifeline Route closures at this time.

Non-Lifeline Routes:

Kern County:

- State Route 184 is closed from 5.9 miles south of the junction of State Route 58 at Panama Road to 0.9 miles south of the junction of State Route 58 at Red Bank Road due to flooding.
 - Estimated time of reopening: Unknown
- · State Route 155 is closed from Glenville to Greenhorn Summit due to flooding.
 - Estimated time of reopening: Unknown

Wildfire Closures:

• There are no Wildfire Closures at this time.

Emergency Center Activations:

• There are no Emergency Center Activations at this time.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype) http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr





California 911 System

	CA 911 Outages	
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

Service Interruptions:None reported.

Remote/Community Isolations: None reported

WEATHER OF CONCERN

Weather of Concern

• A series of atmospheric rivers will continue to impact Northern and Central California, with the strongest storm expected Saturday through Monday. The potential for flash flooding is possible with these systems especially near recent burn scars.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

WEATHER SYNOPSIS BY REGION

NORTHERN CALIFORNIA

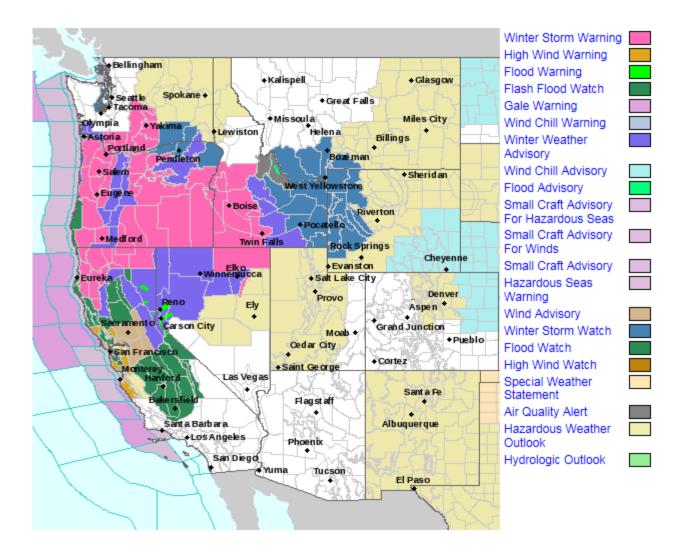
A series of very wet Pacific winter storms will impact the region for the next week and possibly beyond. The next storm system will arrive tonight and continue into Monday. Light rain will first move into the north coast this evening and spread south and east as it increases in intensity. By late morning the heaviest steady precipitation will be focused on the western Sierra slopes, while other areas continue to see light to moderate precipitation. Very heavy precipitation is expected late Saturday from the Bay Area to the northern and central Sierra. Snow levels will start out near 3000 feet in the north and 6000 feet in the south early Saturday. However, some northern areas will start out with significantly lower snow levels due to trapped cold air in low spots. By late Saturday and early Sunday snow levels will rise to 6000 feet in the north and 8000 feet or higher in the south. The high snow levels combined with heavy precipitation will also increase the runoff due to the melting of existing snow, leading to a threat of significant flooding in the western Sierra and foothills. Colder air will begin moving in by midday Sunday and snow levels will drop to 4000 feet in the north and 5500 feet in the south Sunday night. Monday will be a bit colder as snow showers continue in the mountains throughout the region. More waves of moderate to heavy precipitation will follow on Tuesday/Wednesday, then another on Thursday/Friday, and possibly more beyond that. As each wave of precipitation approaches southeast to southwest winds will gust to 25-35 mph in open areas and snow levels will start out around 5000 feet in the north and 7000 feet in the south. As each wave moves through the region snow levels will drop to 3000 feet in the north and 5000 feet in the south. Total water equivalent for the next week could be 10-20 inches in the mountains and 2-6 inches at lower elevations.

SOUTHERN CALIFORNIA

A weak ridge will build across the area which will lead to partly sunny and warmer weather today. Expect temperatures to range from the 20s in the Sierras to the 50s in the San Joaquin Valley and high desert to the lower 70s across lower elevations of Southern California. North winds of 20-30 mph will develop this afternoon along the Colorado River Valley, otherwise, expect light winds today. The weather will turn decidedly wet over the weekend as a conveyor of deep moisture becomes directed at Central and Northern California. Some shower activity will be possible across areas from Santa Barbara County northward Saturday with heavier, more sustained, rain arriving Saturday night and Sunday. West winds will increase to 25-35 mph with gusts to 60 mph in the Sierras over the weekend. The snow level will climb Saturday and Saturday night toward 9,000 feet in the Sierras which may lead to flooding in the Sierra Foothills over the weekend. A weak trough will arrive Monday which will cause the heaviest precipitation to shift southward into Southern California. Precipitation will decrease Monday night over all areas, but some light rain may continue intermittently over the northern part of the district through the middle of next week. Rainfall totals through Monday night will be very heavy over Central California, especially along the Monterey County Coast and Sierras where over 8" of precipitation can be expected. Several feet of snow will fall in the Sierras over 9,000 feet with the snow level sinking lower Monday afternoon. Southern California will, in general, see 1-3" of rain with the heaviest totals occurring on west-facing aspects from Los Angeles County northward. Strong west winds will continue over the Sierras next week, but no offshore winds are expected through the period.



WEATHER MAP



CAL OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions

• Nothing Significant to Report.

CAL OES MISSIONS

Cal OES Missions

- 2016-Coastal-26477: Cal Recycle debris removal assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17. Mission Ongoing.
- 2016-Coastal-26412: DTSC clean up assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17. Mission Ongoing.
- 2016-IREOC-21748: Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing.**
- 2015-IREOC-19846: One RAWS weather station to Amador OA On scene 11/30/15, expected to be left in place until May 2017. Mission Ongoing.

Cal OES 2017 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **57** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 24 Counties: Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County) City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolomne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.